

ABSTRACT

For the production of a photographic picture from an original image (V) present in electronic form, the digital image data of the original image are recorded, especially exposed, onto a sheet type picture carrier (P) by way of a digital recording arrangement. The picture carrier is thereby located in recording position on a recording platform (10). During the positioning of the picture carrier (P) on the recording platform the picture carrier is measured with respect to size and position relative to the recording platform (10) by a photoelectric scanning device (21). A position and size correction is carried out on the basis of the thereby obtained measurement data. In the case of a photographic recording, this correction can be carried out by a corresponding adjustment of the projection optics. Alternatively, the image data of the original image (V) are transformed by calculation and only the transformed image data are recorded on the picture carrier (P). The transformation of the image data consists essentially of an image shift and possibly an adaptation of the image size and, if required, an image rotation. Size variations and positioning errors of the picture carrier can be captured by the measuring of the picture carrier (P) on the recording platform (10) and the correction of the position and size depending on the data determined during the measurement, and the image to be reproduced can be optimally recorded on the picture carrier within the conventional tolerances.

205060 291060